

MAY 25 1995

Mr. Allen F. Bollmeier
Angus Chemical Co.
1500 E. Lake Cook Road
Buffalo Grove, Illinois 60089-6556

Dear Mr. Bollmeier:

Subject: Amical WP
EPA Reg. No. 48301-23
Your Submissions of January 31, 1995 and May 11, 1995

The label amendment submitted on May 11, 1995, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Satisfy all outstanding data requirements as identified by Special Review and Reregistration Division prior to reregistration.

2. Make the following label revision:

The signal word "Danger" must appear twice on the label. Once immediately below "Keep Out of Reach of Children" and again in the Precautionary Statements section. The first signal word must be in the appropriate type size as stated in the regulations. The signal word which appears in the Precautionary Statements section may be smaller but should still be large enough to stand out from the other statements.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

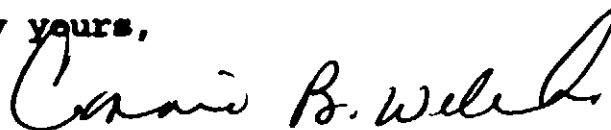
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

1995
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The amended report on the skin irritation study submitted on January 31, 1995 has been reviewed and found to be acceptable. A copy of the review of this study is enclosed for your records.

Sincerely yours,



Connie B. Welch
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosures

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ACCEPTED
with COMMENTS
In EPA Letter Dated

DRAFT LABEL

AMICAL®WP
Antimicrobial Agent

MAY 25 1995
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
48301-23

Active Ingredient:		
	Diiodomethyl p-tolyl sulfone	48.45%(w/w)
Inert Ingredients:		
	Related Compounds & Carriers	51.55%(w/w)
		Total 100%

KEEP OUT OF REACH OF CHILDREN

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE

Harmful if absorbed through skin. Do not get in eyes. Wear goggles, face shield or safety glasses. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

IF IN EYES: Hold eyes open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Drink a large quantity of milk, egg white, or gelatin mixture, or, if these are not available, a large quantity of water. Avoid alcohol.

Note to Physician: Probable mucosal damage may preclude the use of gastric lavage.

Environmental Hazards

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

EPA Reg. No. 48301-23
EPA Est. No. 37429-GA-1
NET WT. 100 lb

ANGUS Chemical Company
1500 East Lake Cook Road
Buffalo Grove, IL 60089

*Rec'd 5/11/95
ccj*

Storage and Disposal

Storage:

Do not contaminate water, food or feed by storage or disposal. Store in a dry area. Keep container closed when not in use.

Pesticide Disposal:

Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Use In Latex Paints And Pigment Dispersions

Amical WP is an effective mildewcide and algicide for latex paint and pigment dispersions. Use levels are dependent upon paint formulation to be protected and upon the expected severity of field conditions. In latex paint systems formulated without zinc oxide, use 4-7 lb Amical WP per 100 gallons of paint. In formulations containing 50 lb zinc oxide, use 3-6 lb Amical WP per 100 gallons of paint. In pigment dispersions, use Amical WP at concentrations ranging from 0.05-0.15% (w/w active ingredient). A suggested procedure is to add the water, Amical WP, glycols, wetting agents and then pigments in the dispersion process.

Use in Latex Caulks and Adhesives

Amical WP is recommended for use in adhesives and sealants where mildew growth on the applied product may be a problem. Suggested levels (% by wt. active ingredient) are: Ceramic Tile Adhesives 0.02-0.15, Wallboard Joint Compounds (Ready Mix) 0.08-0.30, Vinyl Wallpaper Pastes 0.02-0.12, Mastics 0.05-0.15, Latex Caulks 0.05-0.30. Add Amical WP at a point in the production process where sufficient mixing will assure good suspension of the material as other ingredients are added.

Use in Leather Tanning

Amical WP is used in protecting chrome or vegetable tanned leather from mold and mildew during in-tannery wet processing and for protecting wet-blue during long storage and long transportation times. For normal protection of chrome-tanned cattle hides (based on white weight of hides) use 0.02-0.03%, for sheep hides (based on drained pickle weight) 0.08-0.11%, and for goat and small skins use levels should be calculated on the dry basis of the skin weight, assuming limed weight to be 20% dry basis and pickled weight to be 33% dry basis. When long hold or export protection is required, use

0.03-0.06% for cattle, 0.11-0.17% for sheep, and on goat and small skins follow recommendations for normal protection. Use level recommendations during retan/color/fatliquor protection of chrome-tanned hides for all hides types is 0.15-0.45 (% on wet blue weight).

In all applications, add the dry Amical WP through the drum door, preferably by sprinkling across the width of the drum. This should be done just prior to chrome addition, or together with the formate, if formate is added dry prior to chrome. In the case of retan/color/fatliquor, add Amical WP prior to the prime fatliquor feed.